

DLA PIPER US LLP 2000 University Avenue East Palo Alto, California 94303-2248

O 650.833.2258 650.833.2001 www.dlapiper.com

FAX TRANSMISSION COVER SHEET

To: M/S: ISSUE FEE

Telephone:

February 16, 2007

Fax Number:

Centralized Facsimile Number U.S. Patent & Trademark Office Commissioner for Patents Alexandria, VA 22313-1450

571-273-2885

From:

Andrew B. Schwaab

Attorney-Docket

351913-992231

Reg. No. 38,611

Tel: 650-833-2258

Number:

Re:

U.S. Patent Application No. 10/764,381

Filed: January 22, 2004

Applicant/Inventor(s): Hieu Van Tran

Entitled: WIDE DYNAMIC RANGE AND HIGH SPEED VOLTAGE MODE SENSING FOR A MULTILEVEL DIGITAL NON-VOLATILE MEMORY

Pages:

(including this form)

Originals: will not follow

If there is a problem with this transmission, please call Maria Kovacs at 650-833-1566 Message: Please make a matter of record the attached.

The following documents are being facsimile transmitted to the U.S. Patent and Trademark Office on FEBRUARY 16, 2007:

- 1. Transmittal Form (PTO/SB/21) (1 pg);
- Part B Issue Fee Transmittal (1 pg);
- 3. Fee Transmittal FY 2006 (PTO/SB/17) (1 pg); and
- 4. (This) Certificate of Facsimile Transmission under 37 CFR 1.8 (1 pg.).

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office at Fax No. 571-273-2885, on

February 16, 2007

Maria Paula Kovacs

Applicants believe there are no fees associated with this communication, however, the Commissioner is authorized to charge any fees associates associated with this communication to Deposit Account 07-1896, referencing 351913-992231, Thank you.

CONFIDENTIALITY NOTICE

This communication is ONLY for the person named above. Unless otherwise indicated, it contains information that is confidential, privileged or exempt from disclosure under applicable law. If you are not the person named above, or responsible for delivering it to that person, be aware that disclosure, copying, distribution or use of this communication is strictly PROHIBITED. If you have received it in error, or are uncertain as to its proper handling, please immediately notify us by collect telephone and mail the original to us at the above address. Thank you.

Serving clients global EM\7214619.1

PAGE 1/4 * RCVD AT 2/16/2007 3:47:41 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/13 * DNIS:2732885 * CSID:650 833 2001 * DURATION (mm-ss):02-14

FEB 1 6 2007

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number.

10/764,381 Application Number January 22, 2004 Filing Date TRANSMITTAL First Named Inventor Hieu Van TRAN **FORM** 2824 Art Unit Son T. DINH Examiner Name (to be used for all correspondence after initial filing) Attorney Docket Number 351913-992231 (2102397-992231) 4 Total Number of Pages in This Submission

· · · · · · · · · · · · · · · · · · ·		ENCLOSURES (Check all that apply)				
Fee Transr	nittal Form	Drawing(s)	After Allowance Communication to TC			
	Attached from deposit acc't	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences			
Amendmer	1t/Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
After A	Final	Petition to Convert to a Provisional Application	Proprietary Information			
Affid	avits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter			
Extension	of Time Request	Terminal Disclaimer	Other Enclosure(s) (please Identify below):			
Express Abandonment Request		Request for Refund	 Part B- Fee Transmittal PTOL-85; Fax Cover Certificate of Facsimile 			
Information Disclosure Statement		CD. Number of CD(s)	Transmission u 37 CFR. 1.8.			
Certified Copy of Priority Document(s)		Landscape Table on CD				
Response to Missing Parts/ Incomplete Application		Remarks The Commissioner is authorized to charge any additional fees which				
Response to Missing Parts		may be required, including petition fees and extension of time fees, to				
under	37 CFR 1.52 or 1.53	Deposit Account No. 07-1896 (Dock	et No. 351913-992231).			
	SIGNAT	URE OF APPLICANT, ATTORNEY, OR	AGENT			
Firm Name	DLA PIPER US LLP					
<u> </u>	1-01	1				
Signature	Cluby XC	<u></u>				
Printed name	Andrew B. Schwaab					
Date	February 16, 2007	Reg. I	No. 38,611			
						

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name | Maria Paula Kovacs | Date | February 16, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patant and Trademark Office, U.S. Department of Commence, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PA\10490474.1 351913-992231

PAGE 2/4 * RCVD AT 2/16/2007 3:47:41 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/13 * DNIS:2732885 * CSID:650 833 2001 * DURATION (mm-ss):02-14

FEB 1 6-2007

PTO/SB/17 (01-06)
Approved for use through 07/31/2006, OMB 0551-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid QMB control number. Under tite

PRADENS of the Consolidated Appropriations Act. 2005 (H.R. 4818).	Complete If Known		
PER TO A LICENITY A	Application Number	10/764,381	
FEE TRANSMITTAL	Filing Date	January 22, 2004	_
for FY 2006	First Named Inventor	Hieu Van TRAN	
	Examiner Name	Son T. DINH	
Applicant claims small entity status, See 37 CFR 1.27	Art Unit	2824	
TOTAL AMOUNT OF PAYMENT (\$) 1,721.00	Attorney Docket No.	351913-992232 (2102397-992231)	_
TOTAL AMOUNT OF PAYMENT (\$) 1,721.00	Attorney Locket No.	351913-992232 (2102397-992231)	_

TOTAL AMOUNT OF PA	183241	\$) 1,721.00						_
METHOD OF PAYMEN	T (check all	that apply)						
Check Credit	Çard	Money Order	None [Other (please	identify):			_
Deposit Account	Deposit Account Deposit Account Number: 07-1896 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge any additional fee(s) or underpayments of fee(s) Under 37 CFR 1.16 and 1.17 (ARNING: Information on this form may become public, Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. FEE CALCULATION							-
Deposit Account Deposit Account Number: 07-1896 For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below fee								
Charge any ac under 37 CFR WARNING: Information on the	iditional fee(s .1.16 and 1.1° .lls form may b) or undemaym 7 ecome public. C		Credit any ov	verpayments			
FEE CALCULATION								-
1. BASIC FILING, SEA	RCH, AND	EXAMINATIO	N FEES					
				FEES ,	EXAMINA'			
	9	imail E <u>ntity</u>					= . n-:4 (f)	
Application Type	Fee (\$)	Fee (\$)	<u>Fee (\$)</u>	-			rees Paig (3)	
Utility	300	150	500	250	200			
Design	200	100	100	50	130	65		
Plant	200	100	300	150	160	80		
	300	150	500	250	600	300		
I		100	0	. 0	0	0		_
Provisional 200 100							mall Entity	
i						Fee (\$)	Fee (\$)	
	chiding Reis	sues)				50	25	
Fach independent claim over 3 (including Reissues) 200 100								
Multiple dependent claims 360 180								
Total Claims		<u>sims</u> <u>Fe</u>	e (\$) Fees Pa	ald (\$)				
• 20 or HP =								
				-:-1 / 6 1			-	
	•	aims <u>Fe</u>	e (\$) <u>Fees P</u>	alO (\$)				
I		×	 =					
1		paid for, if greater	man 3					
If the specification listings under 37 (sheets or fraction Total Sheets	n and drawin CFR 1.52(e) thereof. See), the applicate 35 U.S.C. 41 <u>Nu</u>	ion size fee due (a)(1)(G) and 3 mber of each add	18 \$250 (\$125 7 CFR 1.16(s). dittonal 50 or fra	ction thereof	led sequence or y) for each add Fee (\$)	r computer litional 50 Fee Paid (\$)	•
		_ /50=		nb to a Mubie u	unuer) X		Fac D=:-1 /6\	
Charge any additional fee(s) or underpayments of fee(s) Under 37 CFR 1.16 and 1.17 VARRING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. FEE CALCULATION I. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES Small Entity Small Entity Application Type Fee (\$) Fee								
Other (e.g., late fi	ling surchar,	ge): CFR (1501)	small entity disc 11.18(a) Issue Fee S	count) 31,400; (1504) 1,18	(d) Publication Fo	ce \$300; & (8001)	1,721.00	

SUBMITTED BY				
Signature	all Idams	Registration No. (Attorney/Agent)	38,611	Telephone (650) 833-2104
Name (Print/Type)	Andrew & Schwaab			Date February 16, 2007

This collection of Information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Patient and Trademark Office. U.S. Department of Commerce, P.O. 80x 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing-the-gare, sail

FEB 1-6 2007 PADEMAP

PART B - FEE(S) TRANSMITTAL

lete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents

P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Note: A cortificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

11/24/2006

26379 DLA PIPER RUDNICK GRAY CARY US, LLP 2000 UNIVERSITY AVENUE

E. PALO ALTO, CA 94303-2248 02/20/2007 TTRAN2 00000027 071896 10764381

7590

01 FC:1501 1400.00 DA 300.00 DA 02 FC:1504 21.00 DA 03 FC:8001

FILING DATE APPLICATION NO.

FIRST NAMED INVENTOR

ATTORNEY DOCKET NO.

MARIA PAULA KOVACS

Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimite transmitted to the USFTO (571) 273-2885. on the date indicated below.

> CONFIRMATION NO 1706

(Signamo

(Date)

2102397-992231 Hicu Van Tran 01/22/2004 10/764,381 TITLE OF INVENTION: WIDE DYNAMIC RANGE AND HIGH SPEED VOLTAGE MODE SENSING FOR A MULTILEVEL DIGITAL

NON-VOLATILE MEMORY

Typed or printed name

					_				
APPI,N. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUS	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE			
nonprovisional	NO	\$1400	\$300	\$0	\$1700	02/26/2007			
EXAMINER		ART UNIT	CLASS-SUBCLASS]					
DINH, SON T 2824		2824	365-207000	365-207000					
CFR 1.363). Change of corres Address form PTO/S	dence address or indication pondence address (or Change (or Change) (DA) 122) attached dication (or "Fee Address or more recent) allue	inge of Correspondence	or agents OR, alternati	o 3 registered patent attorn vely, de firm (having as a memb agent) and the names of a procys or agents. If no nam	ncys 1	ER US LLP			
PLEASE NOTE: U recordation as set fo (A) NAME OF ASS SILICON S	nless an assignee is iden rth in 37 CFR 3.11. Com SIGNEE STORAGE TECHNO	tified below, no assignee pletion of this form is NO		natent. If an assignee is it assignment. Y and STATE OR COUNT. CALIFORNIA U.	S.A.				
4a. The following fee(s Issue Fee Dublication Fee	•	permitted)	b. Payment of Fee(s): (Ple A check is enclosed. E Payment by credit of	ase first reapply any pre	viously paid issue fee si ached.	ciency, or credit any			
	tatus (from status indications SMALL ENTITY au and Publication Fee (if re	me Sec 37 CFR 1 27	b. Applicant is no lo	nger claiming SMALL EN the applicant; a registered	TITTY status. Sec 37 CF. attorney or agent; or the	R 1.27(g)(2). sssignee or other party			
Authorized Signatu	$\Omega \mathcal{A}$	Somb		Date Feb.	16, 2007 38,611	_			

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gallering, preparing, and an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gallering, preparing, and submitting the completed application for the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FRES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, to persons are required to respond to a collection of information unless it displays a valid OMB control number.

PAGE 3/4 * RCVD AT 2/16/2007 3:47:41 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/13 * DNIS:2732885 * CSID:650 833 2001 * DURATION (mm-ss):02-140 F COMMERCE

Registration No.